generated at the site. The general scope of field activities will be as follows:

Groundwater gauging, sampling, and analysis

- Gauge water level within temporary monitoring well TMW-17. Gauging will be accomplished using an electronic water level meter. Air monitoring for volatile organic compounds will be performed with a photoionization detector (PID) upon opening the well cap.

- Purge groundwater within the well. Purging will be accomplished using an electric submersible pump. Five well volumes will be purged from the well before sampling. New drinking-water grade polyethylene tubing will be used at the well for purging. We understand that the monitoring well is two-inches in diameter, and completed to a depth of about 80-feet.

- During well purging, the groundwater will be frequently monitored for field parameters including temperature, pH, turbidity, and electrical conductivity. Field logs will be maintained to document these parameters.

- Collect groundwater samples from Monitoring Well TMW-17. The sample will be collected using a new, disposable polyethylene bailer equipped with a low-flow bottom-emptying device. The samples will be decanted into 40-ml VOA vials and 500-ml polyethylene bottles and analyzed for trichloroethene (TCE) by EPA Method 8260 and for hexavalent chromium by EPA Method 7196, respectively. Chromium VI analyses will be performed for both total and dissolved concentrations. The dissolved fraction will be prepared by filtering in the field using a peristaltic pump and a disposable 0.45-micron filter.

- The sample will be transported to Orange Coast Analytical, Tustin, California, a state certified analytical laboratory. The hexavalent chromium analysis has a holding time of 24 hours; therefore the sample will be transported on the day of collection for testing. The sample will be handled and transported in a chilled ice chest under chain-of-custody protocol.

- All non-disposable sampling equipment will be decontaminated before each use by an Alconox detergent wash and double rinsing with distilled water. The submersible pump will be decontaminated by placing the pump in a container and pumping 20 gallons of potable water through it, and then rinsing again with distilled water. Decontamination fluids will be stored in 55-gallon drums for disposal after profiling.

Well Abandonment

- Abandon temporary Monitoring Wells TMW-17. The well will be abandoned by overdrilling the well casing, screen, grout, and sand pack using eight-inch diameter hollow stem auger equipment. After overdrilling, the boring will be backfilled through the augers with cement-bentonite grout from total depth to ten feet below ground surface (bgs), with the remaining borehole backfilled with concrete to the surface (or as directed by the DHS).

- An HLA geologist will be present to oversee the abandonment of the monitoring well. A PID will be used to for health and safety air monitoring during drilling. Field logs will be maintained to document all field activities.